

Message Text

LIMITED OFFICIAL USE

PAGE 01 STATE 079788
ORIGIN DOE-15

INFO OCT-01 EA-10 ISO-00 SOE-02 EB-08 OES-07 A-01
OPR-02 SSO-00 CCO-00 SS-15 CPR-01 NSCE-00 /062 R

DRAFTED BY DOE/IA:RWILLET, EW
APPROVED BY EB/ORF/FSE:RRMARTIN
DOE/IA:JTREAT (DRAFT)
OES/NET:MPROCHNIK (DRAFT)
EA/ANZ:EHURWITZ
EA/EP:RWARNE

-----016534 282255Z /70

O R 282236Z MAR 78
FM SECSTATE WASHDC
TO AMEMBASSY CANBERRA IMMEDIATE
INFO AMEMBASSY BANGKOK
AMEMBASSY JAKARTA
AMEMBASSY MANILA
AMEMBASSY KUALA LUMPUR
AMEMBASSY SINGAPORE
AMEMBASSY WELLINGTON

LIMITED OFFICIAL USE STATE 079788

E.O. 11652: N/A

TAGS: OVIP, ENRG, AS

SUBJECT: VICE PRESIDENT'S VISIT - ENERGY R&D COOPERATION

1. FOLLOWING ARE POSSIBLE COOPERATIVE ACTIVITIES IN ENERGY
R&D AREA WHICH VICE PRESIDENT MONDALE MIGHT DISCUSS WITH
GOA REPRESENTATIVES. DEPARTMENT WOULD APPRECIATE RECEIVING
ANY COMMENTS EMBASSY MAY HAVE BY COB FRIDAY, MARCH 31. NO
APPROACH SHOULD BE MADE TO GOA, HOWEVER, UNTIL EMBASSY IS
SO INSTRUCTED.

LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 STATE 079788

2. NEGOTIATIONS HAVE BEEN CARRIED OUT BY U.S. ENERGY
RESEARCH AND DEVELOPMENT ADMINISTRATION AND SUBSEQUENTLY
BY U.S. DEPARTMENT OF ENERGY ON A MEMORANDUM OF UNDER-
STANDING CONCERNING INFORMATION EXCHANGE ON COAL CONVER-
SION, EXTRACTION AND PROCESSING. A MEMORANDUM INCORPORA-
TING SOME OF THE REVISIONS SUGGESTED BY THE AUSTRALIAN

DEPARTMENT OF NATIONAL DEVELOPMENT WILL BE FORWARDED TO GOA FOR ITS CONSIDERATION IN ADVANCE OF VICE PRESIDENT'S ARRIVAL. COPY BEING POUCHED TO EMBASSY. IF THE AUSTRALIAN GOVERNMENT AGREES TO DOE PROPOSED TEXT, IT MIGHT BE APPROPRIATE FOR VICE PRESIDENT TO ANNOUNCE THE SUCCESSFUL NEGOTIATION OF THE COOPERATIVE ARRANGEMENT.

3. UNDER THE MEMORANDUM, INFORMATION IN THE FOLLOWING AREAS WOULD BE EXCHANGED THROUGH THE VISITS OF SCIENTISTS, ENGINEERS AND OTHER SPECIALISTS, AN EXCHANGE OF INSTRUMENTS, SAMPLES AND REPORTS, AND THROUGH THE ORGANIZATION OF SEMINARS:

- A. COAL GASIFICATION
- B. HYDROGENERATION SYSTEMS FOR SYNTHETIC CRUDE OIL
- C. SOLVENT EXTRACTION FOR SYNTHETIC CRUDE OIL AND CHEMICAL MANUFACTURE
- D. MEASUREMENT OF COAL CHARACTERISTICS
- E. ADVANCED POWER SYSTEMS AND MHD
- F. FLUIDIZED-BED COMBUSTION
- G. COAL MINING AND COAL PREPARATION RESEARCH.

EXECUTION OF MEMORANDUM WOULD BE SUPERVISED BY COORDINATORS APPOINTED BY EACH SIDE.

4. AUSTRALIA HAS SMALL BUT ACTIVE SOLAR ENERGY PROGRAM. LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 03 STATE 079788

GOVERNMENT INVESTMENT IN SOLAR R&D WORK IN 1977 WAS ABOUT \$3 MILLION. A SOLAR EQUIPMENT MANUFACTURING INDUSTRY IN AUSTRALIA SELLS BETWEEN \$5 AND \$10 MILLION WORTH OF EQUIPMENT ANNUALLY, A LARGE SHARE OF THIS THROUGH EXPORTS.

5. THE U.S. HAS BEEN COOPERATING WITH AUSTRALIA IN SOLAR ENERGY FOR A NUMBER OF YEARS. IN 1974 A U.S.-AUSTRALIAN SOLAR ENERGY WORKSHOP COVERING, IN PARTICULAR, HEATING AND COOLING AND SOLAR THERMAL TECHNOLOGIES, WAS HELD IN AUSTRALIA. SINCE 1974, AUSTRALIA HAS BEEN AN ACTIVE PARTICIPANT, ALONG WITH U.S., IN CCMS SOLAR ENERGY PROGRAMS. IN 1975 A SECOND U.S.-AUSTRALIAN SOLAR ENERGY WORKSHOP WAS HELD IN U.S. FINALLY THERE HAVE BEEN A NUMBER OF EXCHANGES IN SOLAR ENERGY SPECIALISTS BETWEEN AMERICAN UNIVERSITIES (LARGELY UNIVERSITY OF WISCONSIN) AND CSIRO.

6. ON FEBRUARY 21, 1977, JAMES CARTER, FIRST SECRETARY, ENERGY POLICY DIVISION, DEPARTMENT OF NATIONAL DEVELOPMENT, VISITED DOE STAFF IN WASHINGTON FOR DISCUSSIONS ON POSSIBLE COOPERATION BETWEEN THE DOE AND AUSTRALIA IN SOLAR ENERGY. HE NOTED THAT THE NATIONAL ENERGY ADVISORY COM-

MITTEE HAD RECOMMENDED THREE AREAS OF PARTICULAR INTEREST FOR SOLAR APPLICATIONS IN AUSTRALIA:

(1) MIDDLE RANGE HEAT FOR INDUSTRIAL PURPOSES, 80-150 C;

(2) PHOTOVOLTAICS, USEFUL FOR ENERGY IN ISOLATED SETTLEMENTS AND (3) BIO-CONVERSION FOR PRODUCING LIQUID FUELS FOR TRANSPORTATION. IN ADDITION, A FOURTH AREA OF SOME INTEREST IS SOLAR HEATING AND COOLING OF BUILDINGS. AT CONCLUSION OF MEETING, MR. CARTER INDICATED THAT SOME

SPECIFIC PROPOSALS FOR COOPERATIVE ACTIVITIES WOULD BE PREPARED AND SUBMITTED TO DOE FOR CONSIDERATION. DOE IS PREPARED TO DISCUSS ANY SUCH PROPOSALS WITH AUSTRALIAN LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 04 STATE 079788

REPRESENTATIVES.

7. POSSIBLE AREAS IN WHICH DOE MIGHT HAVE SOME INTEREST IN COOPERATING WITH AUSTRALIA IN SOLAR R&D FIELD INCLUDE:

A. PHOTOVOLTAICS - DOE WOULD IDENTIFY EQUIPMENT AND PERFORMANCE CHARACTERISTICS, PROVIDE DATA ON TEST FACILITIES AND ASSIST AUSTRALIA IN THE PROCUREMENT OF SOLAR EQUIPMENT.

B. AUSTRALIAN EXPERIENCE AND APPROACHES IN ESTABLISHING STANDARDS FOR SOLAR EQUIPMENT AND EQUIPMENT TESTING AND CERTIFICATION COULD BE OF INTEREST TO DOE.

C. SOME COOPERATION IN THE AREAS OF HEATING AND COOLING IS ALREADY UNDERWAY BUT THERE MIGHT BE WAYS IN WHICH THIS COULD BE EXPANDED, PREFERABLY THROUGH THE INTERNATIONAL ENERGY AGENCY (IEA), WERE AUSTRALIA TO JOIN.

8. AN ADDITIONAL AREA OF COOPERATION IN SOLAR FIELD COULD BE AN EXCHANGE OF SOLAR INFORMATION WITH CSIRO. IN MARCH OF THIS YEAR, DOE WAS ADVISED BY THE NATIONAL SCIENCE FOUNDATION THAT THE CSIRO WAS PROPOSING SUCH AN EXCHANGE WITH DOE. NO FORMAL RESPONSE HAS YET BEEN MADE TO THE CSIRO BUT INFORMAL CONSENSUS IN DOE IS THAT SUCH AN EXCHANGE ARRANGEMENT WOULD BE OF INTEREST. CSIRO HAS OFFERED TO SUPPLY BIBLIOGRAPHIC DETAILS OF ALL SCIENTIFIC AND TECHNICAL REPORTS AND PAPERS RELATING TO SOLAR ENERGY THAT ARE CITED IN THE AUSTRALIAN RENEWABLE ENERGY RESOURCES INDEX; COPIES OF PAPERS AS INDEXED ABOVE ON REQUEST; AND ACCESS TO THE CSIRO ON-LINE INFORMATION DATA BASES. SIMILAR INFORMATION WOULD BE REQUESTED FROM DOE.

LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 05 STATE 079788

9. THE VICE PRESIDENT COULD INVITE GOA TO SUGGEST SPECIFIC SUBJECTS FOR SOLAR R&D COOPERATION EITHER DURING HIS VISIT OR IN THE FUTURE WITHOUT, HOWEVER, COMMITTING THE DEPARTMENT OF ENERGY. THE VICE PRESIDENT MAY OFFER AN AFFIRMATIVE REPLY TO THE CSIRO PROPOSAL FOR A SOLAR INFORMATION EXCHANGE. COOPER

LIMITED OFFICIAL USE

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 jan 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: SCIENTIFIC COOPERATION, RESEARCH, VICE PRESIDENT, VISITS
Control Number: n/a
Copy: SINGLE
Draft Date: 28 mar 1978
Decaption Date: 01 jan 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 20 Mar 2014
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1978STATE079788
Document Source: CORE
Document Unique ID: 00
Drafter: RWILLET, EW
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D780135-0058
Format: TEL
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1978/newtext/t19780317/aaaaanwz.tel
Line Count: 181
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 4231febb-c288-dd11-92da-001cc4696bcc
Office: ORIGIN DOE
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 05 may 2005
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3178335
Secure: OPEN
Status: NATIVE
Subject: VICE PRESIDENT'S VISIT - ENERGY R&D COOPERATION
TAGS: OVIP, ENRG, TGEN, AS
To: CANBERRA
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/4231febb-c288-dd11-92da-001cc4696bcc
Review Markings:
Sheryl P. Walter
Declassified/Released
US Department of State
EO Systematic Review
20 Mar 2014
Markings: Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014